

WHAT IS CLAIMED IS:

1. A system for determining customized feed for at least one animal, the system comprising:
  - a first memory portion configured to store animal data
  - 5 representative of the characteristics of the animal;
  - a second memory portion configured to store feed data
  - representative of feed ingredients; and
  - a data processing circuit in communication with the first and
  - second memory portions and configured to generate a nutritional profile
  - 10 including a desirable nucleic acid material content for the animal based
  - upon the animal data, the data processing circuit being further configured
  - to generate formulation data representative of a combination of feed
  - ingredients, the formulation data being generated by the data processing
  - circuit based upon at least one of the nutritional profile data and the feed
  - 15 data.